

PERSON SPECIFICATIONS
Research Associate: Laser Plasma Interaction Physics
Vacancy Ref: A1475

Criteria	Essential/ Desirable	Application Form / Interview *
Have or soon expect to have a PhD in a relevant Physics, Engineering discipline	Essential	Application Form
Research experience in novel methods of particle acceleration / high intensity laser plasma interactions, as evidenced by a track record of publications in good journals and presentations at international conferences or workshops	Essential	Application Form/ Supporting Statements/ Interview
Experience with participating in experiments on TW-PW scale laser systems OR strong numerical physics knowledge, e.g. numerical instability	Essential	Application Form/ Supporting Statements/ Interview
Familiarity with MATLAB or similar analysis software	Essential	Application Form/ Supporting Statements/ Interview
Prepared to work away from normal place of work (to locations across UK, Europe, America and Asia - not normally more than 12 weeks per annum).	Essential	Application Form/ Interview
Able to work both independently and with a team, including students, other PDRAs, the PI and collaborators	Essential	Interview
The ability to present information in an accurate and appropriate format	Essential	Application Form/ Interview
The ability to convey an appropriate rationale and interest in applying for this particular post	Essential	Application Form
Ability to adapt to change and be prepared to undertake a wide variety of activities	Essential	Application Form/ Interview
Ability to run particle-in-cell simulations in support of experiments OR experience in large scale plasma code development	Desirable	Application Form/ Supporting Statements/ Interview

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- **Application Form** – assessed against the application form, curriculum vitae and letter of support. Applicants will not be asked to answer a specific supporting statement. Normally used to evaluate factual evidence eg award of a qualification. Will be “scored” as part of the shortlisting process.
- **Supporting Statements** - applicants are asked to provide a statement to demonstrate how they meet the criteria. The response will be “scored” as part of the shortlisting process.
- **Interview** – assessed during the interview process by either competency based interview questions, tests, presentation etc.